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NEWS 5 AUG 24 CA/Caplus enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 11:04:52 ON 08 OCT 2009

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILE 'REGISTRY' ENTERED AT 11:05:08 ON 08 OCT 2009

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STRUCTURE FILE UPDATES: 6 OCT 2009 HIGHEST RN 1187511-69-8
DICTIONARY FILE UPDATES: 6 OCT 2009 HIGHEST RN 1187511-69-8

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=> s trichloromelamine

L1 1 TRICHLOROMELAMINE

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 7673-09-8 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1,3,5-Triazine-2,4,6-triamine, N2,N4,N6-trichloro- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3,5-Triazine-2,4,6-triamine, N,N',N''-trichloro- (9CI)

CN Melamine, N2,N4,N6-trichloro- (6CI, 7CI, 8CI)

OTHER NAMES:

CN N,N',N''-Trichloromelamine

CN NSC 96963

CN Trichloromelamine

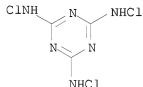
MF C3 H3 Cl3 N6

CI COM

LC STN Files: AQUIRE, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CIN, CSChem, IFICDB, IFIPAT, IFIUDB, MSDS-OHS,
PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)

Other Sources: EINECS**, NDSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

135 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

135 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

7.88

8.10

FILE 'CAPLUS' ENTERED AT 11:05:22 ON 08 OCT 2009
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FILE COVERS 1907 - 8 Oct 2009 VOL 151 ISS 15
FILE LAST UPDATED: 7 Oct 2009 (20091007/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s l1
L2      135 L1

=> s l2 and insecticide
      82483 INSECTICIDE
      97924 INSECTICIDES
      120110 INSECTICIDE
          (INSECTICIDE OR INSECTICIDES)
L3      3 L2 AND INSECTICIDE

=> s l2 and (treat?)(S)(habitat)
      4095103 TREAT?
      11155 HABITAT
      9263 HABITATS
      18508 HABITAT
          (HABITAT OR HABITATS)
      312 (TREAT?)(S)(HABITAT)
L4      2 L2 AND (TREAT?)(S)(HABITAT)

=> d l4 1-2 ibib abs

L4  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:162197  CAPLUS
DOCUMENT NUMBER: 140:204147
TITLE: Process for treating animal habitats
INVENTOR(S): Schneider, David J.
PATENT ASSIGNEE(S): H. & S. Chemical Company, Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 5 pp., Cont.-in-part of U.S.
      Ser. No. 909,707.
```

DOCUMENT TYPE: CODEN: USXXCO
LANGUAGE: Patent
FAMILY ACC. NUM. COUNT: English
PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040037800	A1	20040226	US 2003-648993	20030827
US 6616892	B2	20030909	US 2001-909707	20010720
PRIORITY APPLN. INFO.:			US 2001-909707	A2 20010720

AB This invention deals with a process for treating and sanitizing animal habitats. In addition to sanitizing the habitat the production of ammonia and odor from fecal matter and urine is inhibited or terminated. In the process an animal habitat is cleaned and subsequently treated with trichloromelamine (TCM). The TCM may be applied by spraying the habitat with a solution of TCM, by dusting the habitat with powdered TCM or by treating bedding/litter with TCM. This process produces healthier animals and as such the productivity of a given grow out is increased. The process of this invention is particularly suited to animal habitats which are used to raise batches of hogs, cattle, turkeys and chickens on a continuing basis. The process of this invention further reduces the bacteria count of the animal habitat.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on SIN

ACCESSION NUMBER: 2002:466521 CAPLUS
DOCUMENT NUMBER: 137:51561
TITLE: Process for treating animal habitats with deodorization
INVENTOR(S): Schneider, David J.; Bell, Jerry K.
PATENT ASSIGNEE(S): H & S Chemical Co., Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 8 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20020076348	A1	20020620	US 2001-974159	20011009
US 6749804	B2	20040615		
PRIORITY APPLN. INFO.:			US 2000-243798P	P 20001030

AB This invention deals with a process for treating and sanitizing animal habitats. In addition to sanitizing the habitat the production of NH3 and odor from fecal matter and urine is inhibited or terminated. In the process an animal habitat is cleaned and subsequently treated with trichloromelamine (TCM). The TCM may be applied by spraying the habitat with a solution of TCM, by dusting the habitat with powdered TCM or by treating bedding/litter with TCM. This process produces healthier animals and as such the productivity of a given grow out is increased. The process of this invention is particularly suited to animal habitats which are used to raise batches of hogs, cattle, turkeys and chickens on a continuing basis. The TCM may be further incorporated into H2O soluble polymeric compns. which permit the TCM to be leached out in a controlled manner. Further the TCM may be incorporated into cellular and noncellular polymeric compns. which may be used as bedding/litter material, and cat litter.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

=> d his

(FILE 'HOME' ENTERED AT 11:04:52 ON 08 OCT 2009)

FILE 'REGISTRY' ENTERED AT 11:05:08 ON 08 OCT 2009

L1 1 S TRICHLOROMELAMINE

FILE 'CAPLUS' ENTERED AT 11:05:22 ON 08 OCT 2009

L2 135 S L1

L3 3 S L2 AND INSECTICIDE

L4 2 S L2 AND (TREAT?)(S) (HABITAT)

=> d l3 1-3 ibib abs

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:141200 CAPLUS

DOCUMENT NUMBER: 142:254568

TITLE: Methods and compositions for increasing the efficacy of biologically-active ingredients such as antitumor agents

INVENTOR(S): Windsor, J. Brian; Roux, Stan J.; Lloyd, Alan M.; Thomas, Collin E.

PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA

SOURCE: PCI Int. Appl., 243 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014777	A2	20050217	WO 2003-US32667	20031016
WO 2005014777	A3	20050915		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2502148	A1	20050217	CA 2003-2502148	20031016
AU 2003304398	A1	20050225	AU 2003-304398	20031016
EP 1576150	A2	20050921	EP 2003-816736	20031016
EP 1576150	A3	20051102		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 20060276339	A1	20061207	US 2006-531744	20060123
PRIORITY APPLN. INFO.:			US 2002-418803P	P 20021016
			WO 2003-US32667	W 20031016

AB The invention provides methods and compns. for modulating the sensitivity of cells to cytotoxic compds. and other active agents. In accordance with the invention, compns. are provided comprising combinations of ectophosphatase inhibitors and active agents. Active agents include antibiotics, fungicides, herbicides, insecticides, chemotherapeutic agents, and plant growth regulators. By increasing the

efficacy of active agents, the invention allows use of comps. with lowered concns. of active ingredients.
OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1993:650031 CAPLUS
DOCUMENT NUMBER: 119:250031
ORIGINAL REFERENCE NO.: 119:44617a,44620a
TITLE: New decontaminants. Chemical destruction of paraoxon and parathion by means of compounds with positive chlorine
AUTHOR(S): Hedayatullah, Mir; Lion, Claude; Tourki, Amel
CORPORATE SOURCE: Inst. Topol. Dyn. Syst., Univ. Paris 7, Paris, 75005, Fr.
SOURCE: Bulletin des Societes Chimiques Belges (1993), 102(4), 281-91
CODEN: BSCBAG; ISSN: 0037-9646
DOCUMENT TYPE: Journal
LANGUAGE: French
AB The use of comps. possessing pos. chlorine and precursors of hypochlorite anions, with different micellar systems, permits the very rapid and complete destruction of paraoxon and parathion taken as models of insecticides or potent chemical warfare agents. Their optimized half-lives are resp. 49 and 142 s.
OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1968:444997 CAPLUS
DOCUMENT NUMBER: 69:44997
ORIGINAL REFERENCE NO.: 69:8459a,8462a
TITLE: Dust explosibility of chemicals, drugs, dyes, and pesticides
AUTHOR(S): Dorsett, Henry G., Jr.; Nagy, John
CORPORATE SOURCE: Health and Safety Res. and Test. Center, Bur. of Mines, Pittsburgh, PA, USA
SOURCE: Bureau of Mines Report of Investigations (1968), No. 7132, 23 pp.
CODEN: XBMAI6; ISSN: 1066-5552
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A dust explosion is the sudden release of heat energy through rapid combustion of a cloud of dust in a confined or partially confined space. A source of ignition must be present and the dust concentration must be between maximum and min. values. Laboratory dust explosion data are tabulated for 73 chemical comps. and mixts., 29 drugs, 27 dyes, and 46 pesticides. Included are ignition temps. of cloud and layer, min. igniting energy, min. explosive concentration, percent of inert dust required to prevent flame propagation, limiting O concentration in the atmospheric to prevent ignition, and pressures and rates of pressure rise at dust concns. of 0.1, 0.2, 0.5, 1.0, and 2.0 oz./cu. ft.

=> d his

(FILE 'HOME' ENTERED AT 11:04:52 ON 08 OCT 2009)

L1 FILE 'REGISTRY' ENTERED AT 11:05:08 ON 08 OCT 2009
1 S TRICHLOROMELAMINE

L2 FILE 'CAPLUS' ENTERED AT 11:05:22 ON 08 OCT 2009
135 S L1
L3 3 S L2 AND INSECTICIDE
L4 2 S L2 AND (TREAT?)(S)(HABITAT)

=> s l2 and disinfect?
118613 DISINFECT?
L5 31 L2 AND DISINFECT?

=> dup rem l5
PROCESSING COMPLETED FOR L5
L6 31 DUP REM L5 (0 DUPLICATES REMOVED)

=> s l6 and ad<20010720
L7 31 S L6
4098270 AD<20010720
(AD<20010720)
L8 9 L7 AND AD<20010720

=> d l8 1-9 ibib abs

L8 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:34276 CAPLUS
DOCUMENT NUMBER: 144:114474
TITLE: Complete inactivation of infectious proteins
INVENTOR(S): Prusiner, Stanley B.
PATENT ASSIGNEE(S): The Regents of the University of California, USA
SOURCE: U.S. Pat. Appl. Publ., 23 pp., Cont.-in-part of U.S.
Ser. No. 735,454.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 14
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 20060008494	A1	20060112	US 2005-157488	20050620
US 5891641	A	19990406	US 1997-804536	19970221 <--
EP 1416281	A2	20040506	EP 2004-945	19980220 <--
EP 1416281	A3	20040519		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6221614	B1	20010424	US 1999-235372	19990120 <--
US 6214366	B1	20010410	US 1999-322903	19990601 <--
US 6419916	B1	20020716	US 1999-406972	19990928 <--
US 6331296	B1	20011218	US 1999-447456	19991122 <--
US 6322802	B1	20011127	US 2000-494814	20000131 <--
US 20010001061	A1	20010510	US 2000-731419	20001205 <--
AU 764888	B2	20030904	AU 2001-16671	20010125 <--
US 20020041859	A1	20020411	US 2001-904178	20010711 <--
US 6719988	B2	20040413		
US 20030004312	A1	20030102	US 2002-56222	20020122
US 6720355	B2	20040413		
US 20040127559	A1	20040701	US 2003-735454	20031212
US 7226609	B2	20070605		
PRIORITY APPLN. INFO.:				
			US 1997-804536	A2 19970221
			US 1998-26957	B2 19980220
			US 1998-151057	B2 19980910

US 1999-235372	A2 19990120
US 1999-322903	A2 19990601
US 1999-406972	A2 19990928
US 1999-447456	A2 19991122
US 2000-494814	A2 20000131
US 2000-699284	B2 20001026
US 2001-904178	A2 20010711
US 2002-56222	A1 20020122
US 2003-735454	A2 20031212
US 2004-581921P	P 20040621
US 2004-618115P	P 20041012
AU 1998-61688	A3 19980220
EP 1998-906471	A3 19980220

AB A formulation comprises an aqueous or alc. solvent having therein (1) a detergent such as SDS; (2) a weak acid such as acetic acid; and (3) a chemical modification reagent such as hydrogen peroxide. The formulation can be modified to substitute other detergents for the SDS, other acids for the acetic acid and other oxidants for the peroxide provided the substitute results in a total formulation which completely inactivates the infectivity of infectious proteins such as prions in a relatively short period of time (e.g. <2 h) and under relatively mild temps. (e.g., ≤60°).

OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)

L8 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:854397 CAPLUS
DOCUMENT NUMBER: 133:364039
TITLE: Biodegradable antibacterial cleaning compositions for air conditioners
INVENTOR(S): He, Xuemin; Ning, Ling; Wang, Chuanhao
PATENT ASSIGNEE(S): Shanghai Jiahua Associated Co., Ltd., Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 14 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
CN 1248616	A	20000329	CN 1999-116918	19990927 <--
CN 1077914	C	20020116		
PRIORITY APPLN. INFO.:			CN 1999-116918	19990927
AB The cleaning composition comprises (A) 100 parts mixture of 0.01-15% surfactant containing ≥1 sodium dodecylbenzenesulfonate, sodium alc. ether sulfate, metal salts of SO3--, SO4-- COO--containing surfactant, poly(ethylene glycol) alkyl ether, and poly(ethylene glycol) nonylphenol ether, 0.025-90% disinfectant containing ≥1 aldehydes, alcs., Cl-containing compds., and chlorhexidines., 5-90% solvent, and balanced water, and (B) 10-70 parts aerosol spray agents such as LPG gas. Thus, 8 parts mixture of poly(ethylene glycol) nonylphenol ether 1, H2O 38.2, isopropanol 60, trichlorodihydroxydiphenyl ether 0.5 and perfume 0.3 kg was mixed with 2 parts LPG to give a detergent showing good detergency and antibacterial properties.				

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:401742 CAPLUS
DOCUMENT NUMBER: 133:22123
TITLE: Solid water treatment composition and methods of preparation and use
INVENTOR(S): Rakestraw, Lawrence F.

PATENT ASSIGNEE(S): Stellar Technology Company, USA
 SOURCE: PCT Int. Appl., 52 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034186	A1	20000615	WO 1999-US27861	19991123 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 6447722 B1 20020910 US 1998-205168 19981204 <-- CA 2353478 A1 20000615 CA 1999-2353478 19991123 <-- PRIORITY APPLN. INFO.: US 1998-205168 A 19981204 WO 1999-US27861 W 19991123				

AB The present invention relates generally to novel water treatment compns. and methods of preparation and use. More particularly, the invention relates to solid water treatment compns. containing at least one halogen source and at least one amine compound. Methods of preparing solid water treatment compns. and methods for controlling biofouling, disinfecting, cleaning and water systems are also provided.

OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2009 ACS on SIN

ACCESSION NUMBER: 1997:650222 CAPLUS
 DOCUMENT NUMBER: 127:298121
 ORIGINAL REFERENCE NO.: 127:58171a, 58174a
 TITLE: Medical waste solidifier and microbicidal compositions
 INVENTOR(S): Lewandowski, Jan J.
 PATENT ASSIGNEE(S): Viatro, Corp., USA; Lewandowski, Jan J.
 SOURCE: PCT Int. Appl., 9 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9734476	A1	19970925	WO 1997-US4243	19970320 <--
W: AU, BR, CA, JP, MX, SG, US RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE AU 9722151 A 19971010 AU 1997-22151 19970320 <-- PRIORITY APPLN. INFO.: US 1996-13987P P 19960322 WO 1997-US4243 W 19970320				

AB A waste solidifier and disinfecting compns. are disclosed to solidify liquid medical waste and to reduce the number of infectious organisms. The compns. comprise a solidifying agent, a microbicidal agent and may include an agent to enhance the release of bioactive elements into the medical waste material. When applied to liquid medical waste, the solidifying agent solidifies the waste while the microbicidal agent

simultaneously reduces the number of infectious organisms within same.
 OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:315656 CAPLUS
 DOCUMENT NUMBER: 124:352181
 ORIGINAL REFERENCE NO.: 124:65217a,65220a
 TITLE: Disinfection of swimming pool waters with
 chlorine and excess chlorine removal by hydrogen
 peroxide
 PATENT ASSIGNEE(S): Dipl.Ing. Thonhauser Ges.m.b.H., Austria
 SOURCE: Austrian, 3 pp.
 CODEN: AUXXAK
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
AT 400707	B	19960325	AT 1994-79	19940117 <--
PRIORITY APPLN. INFO.:			AT 1994-79	19940117

AB Swimming pool waters are disinfected by first filtering to
 remove coarse solids and then treating at 7.1-7.3 with a chlorine source
 to an active chlorine concentration of .apprx.3 ppm and finally removing the
 excess chlorine with hydrogen peroxide. Suitable chlorine sources include
 sodium hypochlorite, calcium hypochlorite, chlorinated trisodium
 phosphate, chlorine dioxide, sodium-p-toluenesulfochloramide,
 p-toluenesulfone-sulfochloramide, N-chlorosuccinimide,
 1,3-dichloro-5,5-dimethylhydantoin, trichloro-isocyanuric acid and its
 salts, dichloro-isocyanuric acid and its salts, trichloromelamine,, or
 dichloroglycoluril.

L8 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1995:746112 CAPLUS
 DOCUMENT NUMBER: 123:116318
 ORIGINAL REFERENCE NO.: 123:20665a,20668a
 TITLE: Controlled release of halogen-containing sanitizing
 agent from lavatory cleaning block
 INVENTOR(S): Dolan, Richard; Riccobono, Paul
 PATENT ASSIGNEE(S): Block Drug Co., Inc., USA
 SOURCE: PCI Int. Appl., 23 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9426863	A1	19941124	WO 1994-US5183	19940510 <--
W: AU, BR, CA, JP, KR, NZ				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5578559	A	19961126	US 1993-62118	19930514 <--
CA 2161411	A1	19941124	CA 1994-2161411	19940510 <--
CA 2161411	C	20000418		
AU 9467866	A	19941212	AU 1994-67866	19940510 <--
AU 692158	B2	19980604		
BR 9406703	A	19960227	BR 1994-6703	19940510 <--

EP 698080 A1 19960228 EP 1994-916065 19940510 <--
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
 PRIORITY APPLN. INFO.: US 1993-62118 A 19930514
 WO 1994-US5183 W 19940510

AB A toilet cleaning block comprising 50-80% halogen-containing sanitizing agent
 (e.g., 1,3-dichloro-5,5-dimethylhydantoin), 20-40% bulking agent [e.g.,
 Al(OH)3], and 1-20% dissoln. rate regulator (e.g., NaCl) releases the
 sanitizing agent at a substantially constant rate during use (e.g., for
 .apprx.120 days) and dissolves completely.

OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS
 RECORD (11 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2009 ACS on SIN
 ACCESSION NUMBER: 1990:442831 CAPLUS
 DOCUMENT NUMBER: 113:42831
 ORIGINAL REFERENCE NO.: 113:7277a,7280a
 TITLE: A disinfecting or bleaching tissue
 containing chlorine bleach
 INVENTOR(S): Fellows, Adrian Neville
 PATENT ASSIGNEE(S): Fibre Treatments (Holding) Ltd., UK
 SOURCE: PCT Int. Appl., 20 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9002166	A1	19900308	WO 1989-GB932	19890814 <--
W: AU, JP, US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
AU 8940673	A	19900323	AU 1989-40673	19890814 <--
EP 431002	A1	19910612	EP 1989-909416	19890814 <--
EP 431002	B1	19940302		
R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 04501125	T	19920227	JP 1989-508863	19890814 <--
JP 2633046	B2	19970723		
CA 1337390	C	19951024	CA 1989-608245	19890814 <--
ZA 8906290	A	19900530	ZA 1989-6290	19890817 <--
PRIORITY APPLN. INFO.:			GB 1988-19969	A 19880823
			WO 1989-GB932	A 19890814

AB The title tissue, useful for disinfecting hard surfaces,
 instruments, skin, etc., or for inclusion in a washing process for
 disinfection or bleaching, is prepared by bonding 2 substrate layers
 together with a polymeric adhesive (e.g., EVA hot-melt adhesive) which
 contains particles of Cl bleach, especially Na dichloroisocyanurate dihydrate,
 and releases Cl when dampened with water.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2009 ACS on SIN
 ACCESSION NUMBER: 1989:59960 CAPLUS
 DOCUMENT NUMBER: 110:59960
 ORIGINAL REFERENCE NO.: 110:9907a,9910a
 TITLE: Fabric washing and disinfecting powder,
 especially for use at low temperatures
 INVENTOR(S): Borowicki, Jerzy Krzysztof; Wogtman, Wanda; Bukowski,

PATENT ASSIGNEE(S): Kazimierz Stanislaw; Wojcik, Elzbieta
 SOURCE: Instytut Chemii Przemyslowej, Pol.
 POL., 7 pp.
 CODEN: POXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Polish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 132124	B1	19850228	PL 1981-229358	19810123 <--
PRIORITY APPLN. INFO.:			PL 1981-229358	19810123
AB Powdered laundry detergents having antibacterial activity contain anionic surfactants, alkali metal or amine salts of mono- and diesters of H3PO4, ethoxylated fatty alcs., Na53010, NaHCHO3, and active Cl-containing compds. such as hexachloromelamine (I), 1,3-dichloro-5,5-dimethylhydantoin, trichloroisocyanuric acid, or Na dichloroisocyanurate. A detergent contained 3:1 Na alkyl sulfate-Na dodecylbenzenesulfonate mixture 16.32, 2:3 ethoxylated lauryl alc.-ethanolamine mono- and diesters of H3PO4 1.57, silicone oil 0.48, Na5P3O10 33.6, Na2SiO3 7.68, NaHCHO3 29.18, CM-cellulose 2.42, and I 5.76%, the balance being water.				

L8 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2009 ACS on SIN

ACCESSION NUMBER: 1984:91447 CAPLUS
 DOCUMENT NUMBER: 100:91447
 ORIGINAL REFERENCE NO.: 100:13791a,13794a
 TITLE: Disinfecting with chlorine-containing biocide dispensed from shaped polymeric body
 INVENTOR(S): Theeuwes, Felix
 PATENT ASSIGNEE(S): Alza Corp., USA
 SOURCE: U.S., 8 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4418038	A	19831129	US 1981-317528	19811102 <--
US 4728498	A	19880301	US 1982-438049	19821101 <--
PRIORITY APPLN. INFO.:			US 1981-317528	A3 19811102
AB A device for dispensing a biocide containing Cl, useful for disinfecting an environment or an article of commerce, comprises a polymer containing a Cl-donating reagent and a Cl-accepting reagent that on their release from the polymer reacts in the presence of moisture to produce a chlorinous biocide. The dispensing device consists essentially of a body shaped, sized, and adapted for placement in an environment of use. The device has ≥1 surface for releasing its contents and can have any preselected geometric shape. The device can be made from commonly used (erodible) polymers. The Cl-donating compds. are such as N-chlorosuccinimide [128-09-6], N-chlorourea [3135-74-8], N-chloroacetylurea [4791-21-3], etc., and Cl-accepting reagents include NH4Cl, (NH4)2SO4, sulfamic acid, EtNH2, morpholine, etc.				
OS.CITING REF COUNT:	6	THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)		
REFERENCE COUNT:	11	THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

=> d his

(FILE 'HOME' ENTERED AT 11:04:52 ON 08 OCT 2009)

L1 FILE 'REGISTRY' ENTERED AT 11:05:08 ON 08 OCT 2009
1 S TRICHLOROMELAMINE

L2 FILE 'CAPLUS' ENTERED AT 11:05:22 ON 08 OCT 2009
135 S L1
L3 3 S L2 AND INSECTICIDE
L4 2 S L2 AND (TREAT?) (S) (HABITAT)
L5 31 S L2 AND DISINFECT?
L6 31 DUP REM L5 (0 DUPLICATES REMOVED)
L7 31 S L6
L8 9 S L6 AND AD<20010720

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	55.70	63.80
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-11.48	-11.48

STN INTERNATIONAL LOGOFF AT 11:08:33 ON 08 OCT 2009